

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for assembling timing data for each layer in a multi-layer server environment including a plurality of servers, comprising:

- generating a first HTML based request;
- depositing a time of generation of the first HTML based request in one or more hidden data fields associated with the first HTML based request;
- forwarding the first HTML based request to a first set of servers of the plurality of one or more servers, wherein each server of the first set of servers deposits in the one or more hidden data fields associated with the first HTML based request ~~that each deposit~~ an arrival time of the first HTML based request arriving into the server and a departure time of [for] the first HTML based request departing from the server ~~in the one or more hidden data fields associated with the first HTML based request~~;
- generating, by a server of the first set of servers, an HTML based response in response to receiving the first HTML based request;
- depositing a time of generation of the HTML based response in one or more hidden data fields associated with the HTML based response;
- transferring the arrival times, the time of generation of the HTML based request, and the departure times to the one or more hidden data fields associated with the HTML based response;
- forwarding the HTML based response to a second set of servers of the plurality of one or more servers, wherein each server of the second set of servers deposits ~~that each deposit~~ in the one or more hidden data fields associated with the HTML based response an arrival time of the HTML based response arriving into the server and a departure time of the HTML based

~~response departing from the server in the one or more hidden data fields associated with the HTML based response;~~

receiving the HTML based response to a browser for displaying the HTML based response, the browser operable to store a time of arrival and a time of display for the HTML based response;

generating a second HTML based request, the second HTML based request including the times of generation of the first HTML based request and the HTML based response, the arrival times of the first HTML based request and the HTML based response, the departure times of the first HTML based request and the HTML based response, ~~the time of display for the first HTML based request,~~ and the time of display for the HTML based response in one or more hidden data fields associated with the second HTML based request; and

storing the times of generation of the first HTML based request and the HTML based response, the arrival times of the first HTML based request and the HTML based response, the departure times of the first HTML based request and the HTML based response, ~~the time of display for the first HTML based request,~~ and the time of display for the HTML based response from [in] the hidden data fields in the HTML based response in a database within a request-response cycle corresponding to the second HTML based request.

2. (Original) The method of claim 1, further comprising displaying the one or more hidden data fields to a user.

3. (Canceled)

4. (Currently Amended) The method of claim 1 [3], further comprising performing analysis on the times of generation, arrival times, departure times, and time of display in the database to determine a time of delay at each server and at the browser for the first HTML based request and the HTML based response, the plurality of servers ~~one or more servers~~ including at least one of an application server and a database server.

5. (Currently Amended) The method of claim 1, wherein at least one of the arrival time of the first HTML based request arriving into the server and the departure time of the first HTML based request departing from the server is based on a local time associated with the plurality of servers ~~one or more servers~~.

6. (Currently Amended) The method of claim 5, wherein the local time of at least one of the plurality of servers ~~one or more servers~~ is synchronized with at least one other of the plurality of servers ~~one or more servers~~.

7-12. (Canceled)

13. (Currently Amended) A system for assembling timing data in a multi-layer server environment including a plurality of servers, comprising:

a browser for generating a first HTML based request including one or more hidden data fields and for displaying an HTML based response including one or more hidden data fields;

a first server of the plurality of servers ~~at least one first server~~ for receiving the first HTML based request, depositing into the one or more hidden data fields of the first HTML based request an arrival time of the first HTML based request arriving into the first server ~~into the one or more hidden data fields~~, and depositing into the one or more hidden data fields of the first HTML based request a departure time of the first HTML based request departing from the first server ~~into the one or more hidden data fields of the first HTML based request~~;

a second server of the plurality of servers ~~at least one second server~~ for receiving the first HTML based request and generating an HTML based response in response thereto, the second server ~~at least one second server~~ operable to transfer the arrival time[s] and departure time[s] of the first HTML based request into the one or more hidden data fields of the HTML based response, and deposit a time of arrival of the first HTML based request and the departure time of the HTML based response into the one or more hidden data fields of the HTML based response;

a ~~third server of the plurality of servers~~ ~~at least one third server~~ for receiving the HTML based response, depositing into the one or more hidden data fields an arrival time of the HTML based response arriving into the third server ~~into the one or more hidden data fields~~, and depositing into the one or more hidden data fields a departure time of the HTML based response departing from the third server ~~into the one or more hidden data fields of the HTML based response~~;

wherein the browser is further operable to store a time of arrival and a time of display for the HTML based response, and generate a second HTML based request including the times of generation of the first HTML based request and the HTML based response, the arrival times of the first HTML based request and the HTML based response, the departure times of the first HTML based request and the HTML based response, ~~the time of display for the first HTML based request~~, and the time of display for the HTML based response in one or more hidden data fields associated with the second HTML based request;

wherein ~~one of the at least one~~ second server is operable to perform analysis on the times of generation, arrival times, departure times, and time of display to determine a time of delay at each server and at the browser for the first HTML based request and the HTML based response, the ~~at least one~~ second server further including at least one of an application server and a database server; and

a database for storing the times of generation of the first HTML based request and the HTML based response, the arrival times of the first HTML based request and the HTML based response, the departure times of the first HTML based request and the HTML based response, ~~the time of display of the first HTML based request~~, and the time of display for the HTML based response within a request-response cycle corresponding to the second HTML based request.

14. (Canceled)

15. (Canceled)

16. (Currently Amended) The system of claim 13, further comprising an internal clock associated with the ~~at least one~~ first server for keeping local time.

17. (Currently Amended) The system of claim 13, further comprising an internal clock associated with the ~~at least one~~ second server for keeping local time.

18. (Currently Amended) The system of claim 13, wherein the ~~at least one~~ first server is a web server.

19. (Currently Amended) The system of claim 13, wherein the ~~at least one~~ second server is an application server.

20-29. (Canceled)

30. (New) A computer program product stored on a computer-readable medium configured to store instructions operational by a processor of a computer system for assembling timing data for each layer in a multi-layer server environment including a plurality of servers, the computer program product comprising:

code for generating a first HTML based request;

code for depositing a time of generation of the first HTML based request in one or more hidden data fields associated with the first HTML based request;

code for forwarding the first HTML based request to a first set of servers of the plurality of servers, wherein each server of the first set of servers deposits in the one or more hidden data fields associated with the first HTML based request an arrival time of the first HTML based request arriving into the server and a departure time of the first HTML based request departing from the server;

code for generating, by a server of the first set of servers, an HTML based response in response to receiving the first HTML based request;

code for depositing a time of generation of the HTML based response in one or more hidden data fields associated with the HTML based response;

code for transferring the arrival times, the time of generation of the HTML based request, and the departure times to the one or more hidden data fields associated with the HTML based response;

code for forwarding the HTML based response to a second set of servers of the plurality of servers, wherein each server of the second set of servers deposits in the one or more hidden data fields associated with the HTML based response an arrival time of the HTML based response arriving into the server and a departure time of the HTML based response departing from the server;

code for receiving the HTML based response to a browser for displaying the HTML based response, the browser operable to store a time of arrival and a time of display for the HTML based response;

code for generating a second HTML based request, the second HTML based request including the times of generation of the first HTML based request and the HTML based response, the arrival times of the first HTML based request and the HTML based response, the departure times of the first HTML based request and the HTML based response, and the time of display for the HTML based response in one or more hidden data fields associated with the second HTML based request; and

code for storing the times of generation of the first HTML based request and the HTML based response, the arrival times of the first HTML based request and the HTML based response, the departure times of the first HTML based request and the HTML based response, and the time of display for the HTML based response from the hidden data fields in the HTML based response in a database within a request-response cycle corresponding to the second HTML based request.